Information Processing Letters 34 (1990) 329–330
North-Holland

AUTHOR INDEX VOLUME 34 (1990)

(The issue number is given in front of the page numbers)

Ahuja, M., *Flush* primitives for asynchronous distributed systems (1) 5– 12
Althöfer, I., Tight lower bounds on the length of word chains (5) 275–276
Andersson, A. and **S. Carlsson**, Construction of a tree from its traversals in optimal time and space (1) 21– 25
Atkinson, M.P., *see* **Morrison, R.** (1) 51– 55

Baeza-Yates, R.A., *see* **Gonnet, G.H.** (5) 271–274
Bagchi, A., S.L. Hakimi, J. Mitchem and **E. Schmeichel**, Parallel algorithms for gossiping by mail (4) 197–202
Bandyopadhyay, S., *see* **Sengupta, A.** (6) 323–328
Bertoni, A., M. Goldwurm and **P. Massazza**, Counting problems and algebraic formal power series in noncommuting variables (3) 117–121
Bradford, J.H., Sequence matching with binary codes (4) 193–196
Brown, A.L., *see* **Morrison, R.** (1) 51– 55
Bryant, B.R., *see* **Dey, P.** (2) 65– 69

Carlsson, S., *see* **Andersson, A.** (1) 21– 25
Chaiken, S., *see* **Wee, Y.C.** (2) 71– 76
Chandrasekharan, N., Isomorphism testing of k-trees is in NC, for fixed k (6) 283–287
Chen, G.-H., *see* **Wang, B.-F.** (4) 187–192
Chomicki, J. and **V.S. Subrahmanian**, Generalized closed world assumption is Π_2^0-complete (6) 289–291
Cook, S. and **T. Pitassi**, A feasibly constructive lower bound for resolution proofs (2) 81– 85
Cooper, J. and **L. Kitchen**, CASOP: A fast algorithm for computing the n-ary composition of a binary associative operator (4) 209–213
Cosnard, M., J. Duprat and **A.G. Ferreira**, The complexity of searching in $X + Y$ and other multisets (2) 103–109

Danhof, K.J., *see* **Zargham, M.R.** (6) 299–305
Dearle, A., *see* **Morrison, R.** (1) 51– 55
Dey, P., B.R. Bryant and **T. Takaoka**, Lexical ambiguity in tree adjoining grammars (2) 65– 69
Dunne, P.E., Comment on Kochol's paper "Efficient monotone circuits for threshold functions" (5) 221–222

Duprat, J., *see* **Cosnard, M.** (2) 103–109

Ferreira, A.G., *see* **Cosnard, M.** (2) 103–109

Goeman, H., Towards a theory of (self) applicative communicating processes: A short note (3) 139–142
Goldreich, O., A note on computational indistinguishability (6) 277–281
Goldwurm, M., *see* **Bertoni, A.** (3) 117–121
Gonnet, G.H. and **R.A. Baeza-Yates**, An analysis of the Karp–Rabin string matching algorithm (5) 271–274

Hakimi, S.L., *see* **Bagchi, A.** (4) 197–202
Harn, L. and **T. Kiesler**, An efficient probabilistic encryption scheme (3) 123–129
Heath, L.S., Covering a set with arithmetic progressions is NP-complete (6) 293–298
Hoare, C.A.R., Fixed points of increasing functions (3) 111–112

Jacob, J., Separability and the detection of hidden channels (1) 27– 29

Kaji, I., *see* **Kurihara, M.** (1) 1– 4
Kalé, L.V., An almost perfect heuristic for the N nonattacking queens problem (4) 173–178
Khuller, S., Coloring algorithms for K_5-minor free graphs (4) 203–208
Kiesler, T., *see* **Harn, L.** (3) 123–129
Kim, M., *see* **Park, M.H.** (3) 131–138
Kim, S.K., A parallel algorithm for finding a maximum clique of a set of circular arcs of a circle (5) 235–241
Kitchen, L., *see* **Cooper, J.** (4) 209–213
Klein, P. and **C. Stein**, A parallel algorithm for eliminating cycles in undirected graphs (6) 307–312
Kuo, R.T. and **S.S. Tseng**, The necessary and sufficient condition for the worst-case male optimal stable matching (5) 261–263
Kurihara, M. and **I. Kaji**, Modular term rewriting systems and the termination (1) 1– 4

Laumond, J.-P., Connectivity of plane triangulations (2) 87– 96
Leung, J.Y.-T. and **G.H. Young**, Preemptive

scheduling to minimize mean weighted flow time (1) 47–50
Lin, F.-C., *see* **Wang, B.-F.** (4) 187–192
Lins, R.D., *see* **Martínez, A.D.** (1) 31–35
Lutz, E., Some proofs of data refinement (4) 179–202

Manber, U., Recognizing breadth-first search trees in linear time (4) 167–171
Martínez, A.D., R. Wachenchauzer and **R.D. Lins**, Cyclic reference counting with local mark-scan (1) 31–35
Massazza, P., *see* **Bertoni, A.** (3) 117–121
Matsliach, G. and **O. Shmueli**, Distributing a B^+-tree in a loosely coupled environment (6) 313–321
Meinel, C., Logic vs. complexity theoretic properties of the graph accessibility problem for directed graphs of bounded degree (3) 143–146
Mitchem, J., *see* **Bagchi, A.** (4) 197–202
Morrison, R., M.P. Atkinson, A.L. Brown and **A. Dearle**, On the classification of binding mechanisms (1) 51–55
Murphy, O., A unifying framework for trie design heuristics (5) 243–247
Murphy, O.J. and **S.M. Selkow**, Finding nearest neighbors with Voronoi tessellations (1) 37–41

Neaderhouser Purdy, C. and **G.B. Purdy**, The area-time complexity of the greatest common divisor problem: a lower bound (1) 43–46
Ntafos, S., The robber route problem (2) 59–63

Olariu, S., On the closure of triangle-free graphs under substitution (2) 97–101

Pallo, J.M., A distance metric on binary trees using lattice-theoretic measures (3) 113–116
Pandu Rangan, C., *see* **Ramalingam, G.** (4) 215–219
Park, M.H. and **M. Kim**, A distributed synchronization scheme for fair multi-process handshakes (3) 131–138
Pitassi, T., *see* **Cook, S.** (2) 81–85
Plehn, J., Preemptive scheduling of independent jobs with release times and deadlines on a hypercube (3) 161–166
Pombortsis, A., Sharing special purpose resources in a multiprocessor environment (5) 255–260
Pugh, W., Slow optimally balanced search strategies vs. cached fast uniformly balanced search strategies (5) 251–254

Purdy, G.B., *see* **Neaderhouser Purdy, C.** (1) 43–46

Ramalingam, G. and **C. Pandu Rangan**, New sequential and parallel algorithms for interval graph recognition (4) 215–219
Robson, J.M., Random access machines with multi-dimensional memories (5) 265–266
Rönn, S. and **H. Saikkonen**, Distributed termination detection with counters (5) 223–227

Saikkonen, H., *see* **Rönn, S.** (5) 223–227
Schmeichel, E., *see* **Bagchi, A.** (4) 197–202
Sedgewick, R., *see* **Weiss, M.A.** (5) 267–270
Selkow, S.M., *see* **Murphy, O.J.** (1) 37–41
Sen, S., Finding an approximate median with high probability in constant parallel time (2) 77–80
Sengupta, A. and **S. Bandyopadhyay**, Deadlock-free routing in k-ary hypercube network in presence of processor failures (6) 323–328
Shmueli, O., *see* **Matsliach, G.** (6) 313–321
Simonson, S., Routing with critical paths (1) 13–19
Stein, C., *see* **Klein, P.** (6) 307–312
Subrahmanian, V.S., *see* **Chomicki, J.** (6) 289–291

Takaoka, T., *see* **Dey, P.** (2) 65–69
Teng, S.-H., Space efficient Processor Identity Protocol (3) 147–154
Tipper, J.C., A straightforward iterative algorithm for the planar Voronoi diagram (3) 155–160
Tseng, S.S., *see* **Kuo, R.T.** (5) 261–263
Tuza, Zs., Periodic string division generated by deterministic L systems (5) 229–234

Wachenchauzer, R., *see* **Martínez, A.D.** (1) 31–35
Wang, B.-F., G.-H. Chen and **F.-C. Lin**, Constant time sorting on a processor array with a reconfigurable bus system (4) 187–192
Wee, Y.C., S. Chaiken and **D.E. Willard**, On the angle restricted nearest neighbor problem (2) 71–76
Weiss, M.A. and **R. Sedgewick**, More on shellsort increment sequences (5) 267–270
Willard, D.E., *see* **Wee, Y.C.** (2) 71–76

Young, G.H., *see* **Leung, J.Y.-T.** (1) 47–50

Zargham, M.R. and **K.J. Danhof**, Toward a definition of fault analysis for Petri nets models (6) 299–305